

IN THE CLAIMS:

Claim 1 (currently amended): A liquid treating apparatus comprising:
a treating tank having at least two walls formed with a liquid inlet and a liquid outlet through each of which a liquid to be treated flows, respectively; and
a filtering layer unit including an antibacterial filtering layer, an adsorptive filtering layer and a filtering layer, the filtering layer unit being disposed between the liquid inlet and outlet; and

wherein the antibacterial filtering layer comprises an antibacterial agent comprising a ceramic material serving as a carrier and at least one selected from the group consisting of silver and copper carried on the carrier as an antibacterial component and ~~having an elution volume of said antibacterial component not more than 50 ppb~~ said ceramic is aluminum oxide powder, said activated bacterial component comprises sodium borosilicate glass with dispersed inorganic silver and said antibacterial component is coated onto said aluminum oxide powder.

Claim 2 (original). A liquid treating apparatus according to claim 1, further comprising a pretreatment tank disposed upstream relative to the treating tank and having at least two walls formed with a liquid inlet and a liquid outlet through each of which a liquid to be treated flows, respectively, and a rough filtration layer which is provided so as to surround the liquid outlet in the pretreatment tank and is capable of catching a grain which is contained in the liquid and has a grain size not less than 0.5 mm.

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (original). A liquid treating apparatus according to claim 1, wherein the adsorptive filtering layer includes an adsorbing material having a large specific surface area.

Claim 6 (original). A liquid treating apparatus according to claim 2, wherein the adsorptive filtering layer includes an adsorbing material having a large specific surface area.

Claim 7 (cancelled).

Claim 8 (cancelled).

Claim 9 (original). A liquid treating apparatus according to claim 1, wherein the filtering layer includes a filter medium catching not less than 90% of grain having a grain size not less than 10 μm .

Claim 10 (original). A liquid treating apparatus according to claim 2, wherein the filtering layer includes a filter medium catching not less than 90% of grain having a grain size not less than 10 μm .

Claim 11 (cancelled).

Claim 12 (cancelled).

Claim 13 (original). A liquid treating apparatus according to claim 5, wherein the filtering layer includes a filter medium catching not less than 90% of grain having a grain size not less than 10 μm .

Claim 14 (original). A liquid treating apparatus according to claim 6, wherein the filtering layer includes a filter medium catching not less than 90% of grain having a grain size not less than 10 μm .

Claim 15 (cancelled).

Claim 16 (cancelled).

Claim 17 (currently amended): A liquid treating apparatus according to any one of claims 1, 2, ~~5-7, 9-11, and 13-15~~ 5, 6, 9, 10, 13 and 14, wherein the antibacterial filtering layer, the adsorptive filtering layer and the filtering layer are attachable and detachable independent of one another.

Claim 18 (cancelled).

Claim 19 (cancelled).